

For

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Aicant : David W. Duquette

Serial No.: 09/767,199

Filed : January 22, 2001

: IMPROVED LASER ALIGN SENSOR WITH

SEQUENCING LIGHT SOURCES

Docket No.: C34.12-0021

Group Art Unit: 2877

Examiner:

POWER OF ATTORNEY BY ASSIGNEE AND CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(b)

Assistant Commissioner for Patents Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS. TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, THIS

 AT U	·			, 2000.
 DA	TENT	ATTO	NEV	

Sir:

In the patent application identified above and.

attached hereto;

- is entitled <u>Improved Laser Align Sensor for Positioning Components</u>, having an attorney docket number $\underline{\text{C34.12-0021}}$; and/or X
- filed on January 22, 2001 as application Serial No. 09/767,199. X

CyberOptics Corporation, certifies under 37 CFR 3.73(b) that it is assignee of the entire right, title and interest in the above-identified patent application by assignment. A copy of the assignment documents are attached hereto. The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the

CyberOptics Corporation hereby revokes all powers of attorney previously given in the above-identified patent application and hereby appoints the attorneys and agents of the above-identified patent application and hereby appoints the attorneys and agents of the firm Westman, Champlin & Kelly, P.A., listed as follows: Judson K. Champlin, Reg. No. 34,797; Joseph R. Kelly, Reg. No. 34,847; Nickolas E. Westman, Reg. No. 20,147; Steven M. Koehler, Reg. No. 36,188; David D. Brush, Reg. No. 34,557; John D. Veldhuis-Kroeze, Reg. No. 38,354; Deirdre Megley Kvale, Reg. No. 35,612; Theodore M. Magee, Reg. No. 39,758; Peter S. Dardi, Reg. No. 39,650; Christopher R. Christenson, Reg. No. 42,413; Brian D. Kaul, Reg. No. 41,885; Robert M. Angus, Reg. No. 24,383; Christopher L. Holt, Reg. No. 45,844; and Alan G. Rego, Reg. No. 45,956; as its attorneys/agents with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith Patent and Trademark Office in connection therewith.

I ratify all prior actions taken by the attorneys and agents identified above in connection with the prosecution of the above-mentioned patent application. In addition, I authorize the attorneys and agents identified above to insert the filing date and Serial No. of the application, as needed.

Please address all correspondence and telephone calls to Christopher R. Christenson in care of:

> Westman, Champlin & Kelly 900 Second Avenue South Suite 1600 - International Centre Minneapolis, MN 55402-3319 (612)334-3222 (Phone) (612)334-3312 (Fax)

> > CYBEROPTICS CORPORATION

Steven M. Quist

President, CyberOptics Corporation

Date: 2/M2+01



VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS (SMALL BUSINESS CONCERN)

Attorney Docket No.

C34.12-0021

<pre>Inventor(s): David W. Duquette et al.</pre>
Title: IMPROVED LASER ALIGN SENSOR WITH SEQUENCING LIGHT SOURCE
With respect to the invention described in
the application filed herewith:
X application Serial No. 09/767,199, filed January 22, 2001:
Patent No, issued:
I. IDENTIFICATION OF DECLARANT AND ANY RIGHTS AS A SMALL ENTITY
I am:
the owner of the small business concern identified below:
\underline{x} an official of the small business concern empowered to act on behalf of the concern identified below:
NAME OF CONCERN CyberOptics Corporation
ADDRESS OF CONCERN 5900 Golden Hills Drive Golden Valley, MN 55416
The above-identified small business concern qualifies as a small business concern as defined in 13 CFR § 121.12, and reproduced in 37 CFR § 1.9(d), for purposes of paying reduced fees under 35 USC §§ 41(a) and (b).
II. OWNERSHIP OF INVENTION BY DECLARANT
Rights under contract or law remain with or have been conveyed to the above-identified concern. If the rights held are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person who could not be classified as (1) an independent inventor under 37 CFR § $1.9(c)$ if that person had made the invention, (2) a small business concern under 37 CFR § $1.9(d)$ or (3) a non-profit organization under 37 CFR § $1.9(e)$.
_x There is no such person, concern, or organization.
The person, concerns or organizations are listed below:
FULL NAME
ADDRESS
[] Individual [] Small Business Concern [] Non-Profit Organization
III. ACKNOWLEDGEMENT OF DUTY TO NOTIFY PTO OF STATUS CHANGE

I acknowledge the duty to file, in this application or patent, notification of any change resulting in loss of entitlement to small entity status pursuant to 37 CFR § $1.28\,(b)$.

IV. DECLARATION

All statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

SIGNATURE

SIGNATURE

Date: 22M26 O

NAME OF PERSON SIGNING Steven M. Quist

TITLE OF PERSON President

ADDRESS OF PERSON SIGNING 5900 Golden Hills Drive olden Valley, Minnesota 55416



DECLARATION IN ORIGINAL APPLICATION

Attorney Docket No.

C34.12-0021

SPECIFICATION AND INVENTORSHIP IDENTIFICATION

As a below named inventor,		gonobin one so stated		
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and joint inventor of the				
subject matter which is c	laimed, and for which a pat d Laser Align Sensor With Seq	ent is sought, on the		
and was ame was describ No.	d hereto. on January 22, 2001 as Appln. Nended on oed and claimed in PCT Internat ar on	cional Application		
ACKNOWLEDGEMEN	T OF REVIEW OF PAPERS AND DUTY	OF CANDOR		
I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is known to me to be material to the patentability of this application in accordance with 37 C.F.R. § 1.56.				
PRIC	ORITY CLAIM (35 U.S.C. § 119)			
<u>P:</u>	rior Foreign Application(s)			
I claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign application(s) for patent or inventor's certificate listed below, each of which is incorporated by reference in its entirety, and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:				
Number Country	Day/Month/Year Filed	Priority Claimed		
		YesNo YesNo		
Pric	or Provisional Application(s)			
I hereby claim States Provisional Applicat by reference in its entirety	the benefit under 35 U.S.C. tion(s) listed below, each of y:	§119(e) of any United which is incorporated		
Number	Day/Month/Year Filed			

PRIORITY CLAIM (35 U.S.C. § 120)

I claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, each of which is incorporated by reference in its entirety. Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Appln. No.	U.S. Appln. No. (if any under PCT)	Filing Date	Status

DECLARATION

I declare that all statements made herein that are of my own knowledge are true and that all statements that are made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful large statements and the true; but the knowledge that willful large statements and the true; but the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DESIGNATION OF CORRESPONDENCE ADDRESS

Please address all correspondence and telephone calls to Christopher R. Christenson in care of:

WESTMAN, CHAMPLIN & KELLY, P.A.
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

Inventor: David W. Duquette
(Printed Name)

Residence: Minneapolis, Minnesota Citizenship: U.S.A.

P.O. Address: 5101 13th Avenue South, Minneapolis, MN 55417

Inventor:	(Signature)	Date: 18 April 2001
Inventor:	Frederick M. Cash, II (Printed Name)	
Residence:	Maple Grove, Minnesota	Citizenship: U.S.A.
P.O. Address:	13800 66nd Avenue North,	Maple Grove, Minnesota 55311
Inventor:	Shen W. Case	Date: 18 April 2001
Inventor:	Steven K. Case (Printed Name)	
Residence: _	St. Louis Park, Minnesota	Citizenship: U.S.A.
P.O. Address:	2829 Inglewood Avenu	e, St. Louis Park, MN 55409
	ohn P. Konicek (Signature) John P. Konicek (Printed Name)	Date:
Residence:	Minneapolis, Minnesota	Citizenship: U.S.A.
P.O. Address:	4632 Stevens Avenue	South, Minneapolis, MN 55409
Inventor:	homas L. Volkman (Signature)	Date:
Inventor:	Thomas L. Volkman (Printed Name)	
Residence:	Minneapolis, Minnesota	Citizenship: U.S.A.
P.O. Address:	5409 Westworth Avenu	e, Minneapolis, MN 55419

DECLARATION IN ORIGINAL APPLICATION

Attorney Docket No.

C34.12-0021

SPECIFICATION AND INVENTORSHIP IDENTIFICATION

As a below named inventor, I declare t	hat: e address and citizenship are as stated			
below next to my name.				
I believe I am the original, first and joint inventor of the subject matter which is claimed, and for which a patent is sought, on the invention entitled Improved Laser Align Sensor With Sequencing Light Sources the specification of which,				
and was amended on was described and claim	med in PCT International Application and as amended under PCT			
ACKNOWLEDGEMENT OF REVIEW	OF PAPERS AND DUTY OF CANDOR			
I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is known to me to be material to the patentability of this application in accordance with 37 C.F.R. § 1.56.				
PRIORITY CLAIM (35 U.S.C. § 119)				
Prior Foreign Application(s)				
I claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign application(s) for patent or inventor's certificate listed below, each of which is incorporated by reference in its entirety, and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:				
Number Country Day/Month/	Year Filed Priority Claimed			
· · · · · · · · · · · · · · · · · · ·	Yes No Yes No			
Prior Provisio	nal Application(s)			
I hereby claim the benef	it under 35 U.S.C. §119(e) of any United			
States Provisional Application(s) listed below, each of which is incorporated by reference in its entirety:				
Number Day/Month/	Year Filed			

PRIORITY CLAIM (35 U.S.C. § 120)

I claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, each of which is incorporated by reference in its entirety. Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Appln. No.	U.S. Appln. No. (if any under PCT)	Filing Date	Status
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DECLARATION

I declare that all statements made herein that are of my own knowledge are true and that all statements that are made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are publishable by line of implishment, of both, under 10 0.3.0. I four of little 10 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DESIGNATION OF CORRESPONDENCE ADDRESS

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Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

Inventor:	David W. Duquette	Date:	
	(Signature)		
Inventor: _	David W. Duquette (Printed Name)		
Residence:	Minneapolis, Minnesota	_ Citizenship:	U.S.A.
P O Address	· 5101 13th Avenue South	Minneanolis MN 55417	

Inventor:	Frederick M. Cash, II	Date:
	(Signature)	•
Inventor:	Frederick M. Cash, II (Printed Name)	
Residence: _	Maple Grove, Minnesota	Citizenship: U.S.A.
P.O. Address:	13800 66nd Avenue North, Map	le Grove, Minnesota 55311
Inventor:	Steven K. Case (Signature)	Date:
Inventor:	Steven K. Case (Printed Name)	
Residence: _	St. Louis Park, Minnesota	Citizenship: U.S.A.
2.2. 2.22.000.	2029 inglewood Avenue, St	t. Louis Park, MN 55409
	1	
Inventor:	(Signature)	Date: 4-19-01
Inventor:	John P. Konicek (Printed Name)	
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P.O. Address:	4632 Stevens Avenue South	n, Minneapolis, MN 55409
	out MA	Date: 4/19/01
	(Signáture)	
Inventor:	Thomas L. Volkman (Printed Name)	
Residence: _	Minneapolis, Minnesota	Citizenship: U.S.A.
P O Address	5409 Wastworth Avenue Mi	inneanolis MN 55419

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